

What is claimed is:

1. A replaceable saw comprising:  
a saw blade having saw teeth and an insertion portion;  
a support member that supports the insertion portion of the saw blade via a blade replacing mechanism; and  
a handle connected to the support member via a rotational position adjusting mechanism.
2. A replaceable saw according to claim 1, wherein said rotational position adjusting mechanism includes:  
a pair of branching portions formed in said handle so as to sandwich said support member between them,  
a through hole formed in one of the branching portions,  
a nut mounted in the other branching portion;  
a supporting hole formed in said support member; and  
a pivoting bolt inserted through said through hole and said supporting hole and which can be screwed into said nut.
3. A replaceable saw according to claim 2, further comprising:  
a surface detent mechanism provided between a surface of said one of the branching portions and an opposite surface of said support member and composed of detent teeth surfaces that can be engaged with and disengaged from each other.
4. A replaceable saw according to claim 1, wherein said blade replacing mechanism includes:

a notch formed in said insertion portion so as to extend in a direction in which the saw blade is inserted;

a pair of installation pieces formed in the support member and defining an insertion gap into which said insertion portion can be inserted,

a through hole formed in one of the installation pieces, an attaching nut mounted in the other installation piece; and

an attaching bolt inserted through said through hole and said notch and which can be screwed into said attaching nut.

5. A replaceable saw according to claim 4, wherein said insertion portion has a positioning hole portion formed in a bottom end portion of said notch, and said attaching bolt has a positioning tapered portion that can be pressed into contact with the positioning hole portion.

6. A replaceable saw comprising:

a saw blade having saw teeth and an insertion portion, a notch being formed in said insertion portion so as to extend in a direction in which the saw blade is inserted;

a support member which supports the insertion portion of the saw blade via a blade replacing mechanism and which includes a pair of installation pieces defining an insertion gap into which said insertion portion can be inserted, a through hole formed in one of the installation pieces, an attaching nut mounted in the other installation piece, and an attaching bolt inserted

through said through hole and said notch and which can be screwed into said attaching nut; and

a handle connected to the support member via a rotational position adjusting mechanism comprising a pair of branching portions formed in the handle so as to sandwich said support member between them, a through hole formed in one of the branching portions, a nut mounted in the other branching portion, a supporting hole formed in said support member, and a pivoting bolt inserted through said through hole and said supporting hole and which can be screwed into said nut.

7. A replaceable saw according to claim 6, further comprising: a surface detent mechanism provided between a surface of said one of the branching portions and an opposite surface of said support member and composed of detent teeth surfaces that can be engaged with and disengaged from each other.

8. A replaceable saw according to claim 7, wherein said insertion portion has a positioning hole formed in a bottom end portion of said notch, and said attaching bolt has a positioning tapered portion that can be pressed into contact with the positioning hole.

9. A replaceable saw according to claim 8, wherein said attaching bolt has a head portion having a knurled surface and a diameter larger than the width of each of said branching portions.